

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2006/304516

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl. G11B7/135 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl. G11B7/12-7/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
 Published unexamined utility model applications of Japan 1971-2006
 Registered utility model specifications of Japan 1996-2006
 Published registered utility model applications of Japan 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-367211 A (HITACHI, LTD.) 2002.12.20, Paragraph numbers 0012,0016, Fig 1 (Family : none)	1-65
A	JP 8-185640 A (SONY CORPORATION) 1996.07.16, Paragraph number 0020, Figs 1-3 (Family : none)	1-65
A	JP 2000-163795 A (HITACHI, LTD.) 2000.06.16, Paragraph numbers 0192-0193, Fig 27 (Family : none)	1-65

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel, or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

Date of the actual completion of the international search 04.04.2006	Date of mailing of the international search report 11.04.2006
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